

## ABSTRACT

A carrier is formed with a circular cylindrical supporting part 4a. This supporting part 4a is formed with a receiving hole 4b. A planetary gear 5 is rotatably received in the receiving hole 4. One side part inner peripheral surface and the other side part inner peripheral surface of the receiving hole 4a in the peripheral direction of the supporting part 4a are each formed of a circular arcuate face having a same radius of curvature as the radius of the planetary gear 5. The centers of curvature of the circular arcuate faces forming the one side part inner peripheral surface and the other side part inner peripheral surface, respectively, are spacedly arranged from each other in the peripheral direction of the supporting part 4a. Owing to this arrangement, the interval between the one side part inner peripheral surface and the other side part inner peripheral surface of the receiving hole 4a can be made larger by a portion equal to the distance between the centers of curvature than the outside diameter of the planetary gear.